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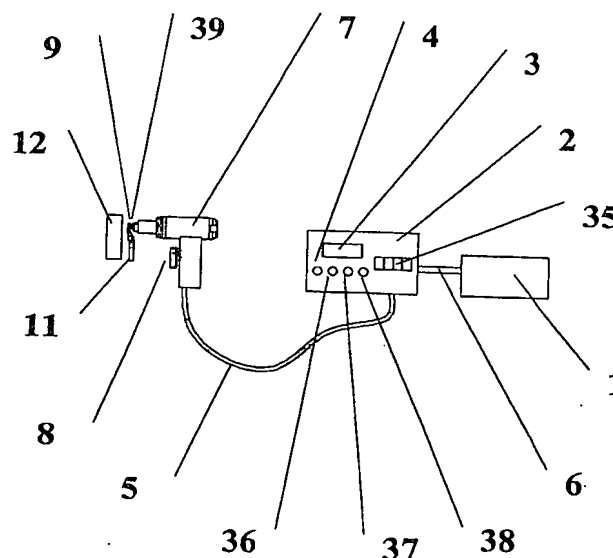
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(54) Title: A NOVEL METHOD AND A NOVEL COMBINED DEVICE FOR PERFORMING A PRE- AND POSTBRAZING TEMPERATURE CONTROLLED MARTENSIT-FREE BRAZING PROCESS USING A CONTROLLED BRAZING TEMPERATURE



(57) Abstract: The present invention (Figure 1) relates to a new formula-controlled method of joining by brazing a connecting piece with a workpiece where the temperature is controlled during all phases of the process before, during and after the brazing temperature phase so that adverse structural changes of the work material (martensite formation) after brazing are eliminated while also minimising energy consumption and process insecurity. Furthermore, a device for the execution of the method.

WO 2004/103628 A1